

**BIDIRECTIONAL OPTICAL COMMUNICATIONS
HAVING QUICK DATA RECOVERY WITHOUT FIRST
ESTABLISHING TIMING AND PHASE LOCK**

ABSTRACT OF THE DISCLOSURE

A method of transmitting and rapidly recovering a burst of data without first having to establish a timing or phase lock. The signals are transmitted as modified Manchester coded signals having pulse transitions at a clocking pulse rate which is a multiple of the clocking pulse rate at which the signals are originally generated, and
5 wherein the MOOSE coded signal is modified by ON-OFF keying.